In The Claims

1.   (Previously Amended) A communication system, comprising:

a first data path to a CPU for correlating an incoming GPS signal, located within a canned signal window, with a locally generated signal; and

a second data path to a CPU for verifying the incoming GPS signal, located within the scanned signal window, against a lock signal, the second data path determining whether the incoming GPS signal from an auto-correlated signal, wherein the locally generated signal can change in order to continue to search the scanned signal window for a second incoming GPS signal if the incoming GPS signal lacks the at least one characteristic.

2.   (Previously Amended) The communication system of claim 1, wherein the first data path, the second path, are located on a single integrated circuit.

3.   (Original) The communication system of claim 2, wherein the at least one characteristic is a predetermined signal strength of the incoming GPS signal.

4.   (Original) The communication system of claim 2, wherein the at least one characteristic is a predetermined Signal-to-Noise Ratio (SNR) of the incoming GPS signal.

5.   (Original) The communications system of claim 2, wherein the at least one characteristic is selected from a group comprising a correlation to a different satellite code being stronger than a correlation to a desired satellite code, and a different delay of the same satellite code being stronger than a correlation to a locally generated code delay.

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6.   (Original) The communication system of claim 2, wherein the at least one characteristic is at least two characteristics selected from a group comprising: a predetermined signal strength of the incoming GPS signal, a predetermined Signal-to-noise Ratio (SNR) of the incoming GPS signal, a correlation to a different satellite code being stronger than a correlation to a desired satellite code, and a different delay of the same satellite code being stronger than a correlation to a locally generated code delay.

7.   (Original) The communications system of claim 2, wherein the first data path is controlled by a first central processing unit (CPU), and the second data path is controlled by a second CPU).

8.   (Previously Amended) The communications system of claim 2, wherein the CPU is in a cellular telephone.

9.   (Previously Amended) The communications system of claim 8, wherein the cellular telephone use a single local oscillator to provide a first reference frequency to a̲ the cellular transceiver and a second reference frequency to a GPS receiver.

10.   (Original) The communications system of claim 9, wherein the first reference frequency and the second reference frequency are the same reference frequency.

11.   (Cancelled)

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12. (Original) The communications system of claim 10 11, wherein the GPS receiver can send a position calculation via the cellular transceiver.

13. (Original) The communication system of claim 12, wherein the position calculation is at least one pseudorange.

14. (Original) The communications system of claim 12, wherein the position calculation is raw GPS data.

15. (Previously Amended) The communications system of claim 12, wherein the position calculation is determined position of the GPS receiver that is co-located with the cellular telephone.

16. (Previously Amended) The communications system of claim 15, wherein the cellular telephone provides data to the GPS receiver.

17. (Original) The communications system of claim 16, wherein the provided data comprises ephemeris information.

18. (Original) The communications system of claim 16, wherein the provided data comprises time information.

19. (Original) The communications system of claim 16, wherein the provided data comprises coarse position information.

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20.   (Original) The communications system of claim 16, wherein the provided data is selected from a group comprising: time information, ephemeris information, and coarse position information.